

RESEARCH INSTITUTE FOR MICROBIAL DISEASES
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August 11, 1951

Dr. Joshua Lederberg
Associate Professor
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin
U. S. A.

Dear Dr. Lederberg:

Sincerely thanks for your kind and affectionate letter of July 26 and your useful reprints, which I received safely some days ago. ^{today}

I am very sorry that you have presently no facilities to accept my desire for studying the genetics in protozoology in your laboratory. However, I can understand what you kindly wrote me in your last letter. I hope that you will welcome me as well as the present when I should reopen the same question in the future.

Here I swear you that I will never forget in my life your golden saying "The new apparatus is perhaps less important in the studies of microbial genetics.", because I will rather consider that I was advised that any great works will not always necessitate the new apparatus, but the brain of scientists. According to your advice, I will make my best to dig more deeply our studies on the antigenic variation in Trypanosoma gambiense.

Some days ago, I wrote the letters to both Dr. Lwoff and Dr. Ephrussi in France according to your suggestion. I have a great interest in how they would criticize our experimental results in Trypanosoma gambiense. However, it seems doubtful for me that such mutation and selection theory of the kinetosomes as Dr. Lwoff had asserted of the variation in the ciliates may be difficult to apply to our antigenic variation in Trypanosoma gambiense, because this organism has only one kinetosome, and our heritable antigenic changes had been observed in vitro without regard to their fissions. On the contrary, the Sonneborn's data on Paramecium aurelia will not be able to escape from his discussions.

I will write you about our another studies on the variation in Trichomonas vaginalis, which are very interesting and quite new discoveries, I believe.

Expecting your kindness to send me your reprints whenever they will be published in the future, I am,

Sincerely yours,

Shozo Inoki
Shozo Inoki, M.D.